

FIG. 1 is a block diagram of a system 100. The system 100 includes a user 117, a server 120, and a database 140. The user 117 is connected to the server 120 via a network 130. The server 120 is connected to the database 140 via a network 141. The database 140 includes a plurality of data records 142.

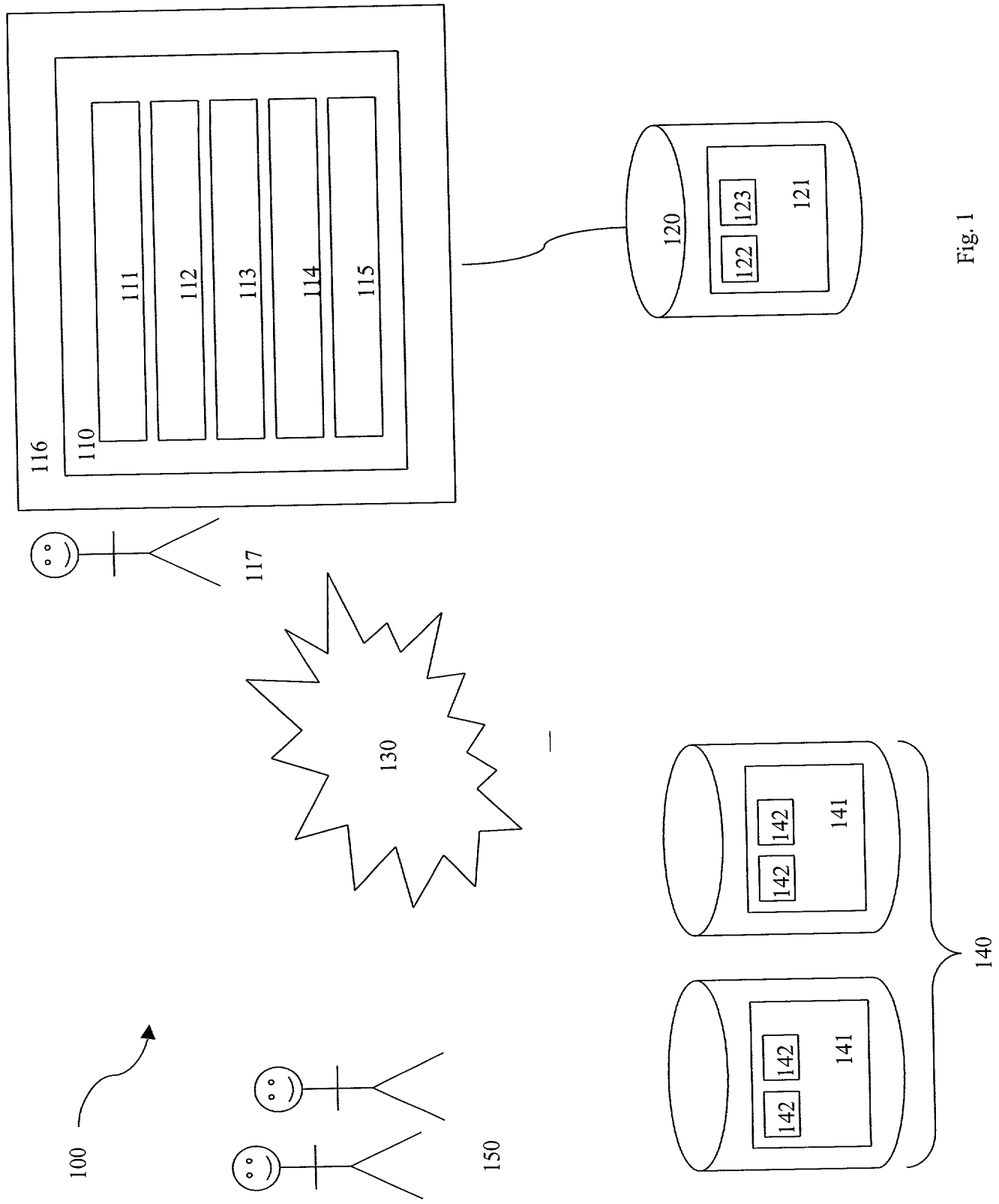


Fig. 1



215(c)
If the statistical tests indicate that the hypothesis evaluation module 113 can confidently reject the possibility that the hypothesis was true by chance, the hypothesis is marked as publishable and possibly "interesting."



216
The publication module 115 generates a publication regarding the publishable hypothesis. The publication can include a database or other data file in a specified format, an HTML (hypertext markup language) page, or an email message.



220
The autonomous software element 110 has completed one cycle of finding and publishing a publishable hypothesis. The method 200 continues with the flow point 210, unless interrupted by the operator 117.

FIG. 2B